

Title (en)  
SEMI-CONSTRAINED SCREW AND SPINAL PLATE ASSEMBLY

Title (de)  
HALB BLOCKIERTE SCHRAUBE UND WIRBELSÄULENPLATTENANORDNUNG

Title (fr)  
ENSEMBLE VIS SEMI-CONTRAINTE ET PLAQUE RACHIDIENNE

Publication  
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Application  
**EP 09821195 A 20091014**

Priority  
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Abstract (en)  
[origin: US2010094357A1] A semi-constrained screw and a cervical plate assembly that engages to a cervical area of the human vertebrae system are disclosed. The semi-constrained screw and cervical plate assembly includes a cervical plate and one or more semi-constrained bone screws. Each semi-constrained bone screw includes an elongated shank, which is mechanically and releasably coupled to a head portion. The head portion includes one or more threaded segments which define one or more slits therebetween. As the semi-constrained bone screw is driven through the screw opening in the cervical plate and into the bone, the head portion allows poly-axial movement of the shank relative to the head portion.

IPC 8 full level  
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